



► **NEW HOURS:**

MONDAY-THURSDAY:
8:30-2:30 PM
FRIDAY:
8:30-1:30 PM

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onMATH *info*

**onMATH: 1-1 online math assistance
available ALL DAY for grade 7,8,9!!**

onMATH Testimonials

Thank you onMATH teachers! I don't know what you are doing with "student" but anytime he used to hear the word "math" he would react very negatively. For whatever reason now he just loves math and is actually asking to go to onMATH all the time. This student really struggled with math and never gave himself a chance but since he has been able to work one on one or in small groups with some of his peers and the onMATH teachers he seems more confident and willing to try.

Elementary Teacher, Mountain View School

Take a peak at these resources

www.geogebra.com

A geometry package providing for both graphical and algebraic input. Includes the program and worksheets for download, as well as screenshots and documentation.

quizlet.com/subject/math/

A list of free *Math* flash card sets. Use our learning tools and study games to master *Math*.

Grade 9 EQAO preparation

EQAO Smart Response (Senteo) Files with questions from the Spring '06 to Spring '08 tests.
*note: sample questions from 2008-2009 were not used.

Where to find these files:

HWDSB Secondary Math EQAO Info **or** onMATH Tracking EQAO Material **or** in the T3 Conference

What is available:

Applied: *Two files for each strand*

- ⇒ Linear Relations: total of 28 questions
- ⇒ Measurement & Geometry: total of 21 questions
- ⇒ Number Sense & Algebra: total of 21 questions

Academic: *Strands were combined; there are two files for each grouping*

- ⇒ Linear Relations with Analytic Geometry: total of 24 questions
- ⇒ Number Sense with Measurement & Geometry: total of 25 questions

onMATH team:

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Here are some sites with Virtual Manipulatives . . .

<http://arcytech.org/java/>

Award-winning applets help students learn to count money, tell time, use patterns to explore fractions and geometric shapes; use base-10 blocks to explore whole and decimal numbers, place value and algebra with blocks; use integer bars to explore basic math facts, fractions, and more; use fraction bars to explore equivalent fractions, ordering fractions, adding fractions, and more.

<http://staff.argyll.epsb.ca/jreed/>

His resources address elementary and secondary topics in numbers/operations, patterns and relations, shape and space, probability and statistics, algebra, geometry, and trigonometry. Students can engage with interactive learning activities, see movies, and manipulate excellent Java math applets to study concepts. The site is also an excellent resource for the home-schooled student.

<http://www.learner.org/interactives/>

"Interactives" provides educators and students with strategies, content, and activities that can enhance and improve students' skills in a variety of curricular areas.

Take a look at these math lesson ideas taken from the OERB.....

How would you like to win a headset with microphone for your classroom? To put your name in the draw all you need to do is send an email to joanne.aucoin@hwdsb.on.ca with "I read the newsletter" in the subject line. Good luck!



Congratulations to last month's winners:

Joanne Williamson, Lawfield

Louise Quinn, Hess Street

You can find a variety of math lessons on the OERB and on our onMath wikispace. Do your own search on the OERB or search for the Title/ID numbers listed below.

<http://resources.elearningontario.ca/>

Please contact your administrator for the usernames and passwords.

onMath wikispace

<http://onmath.wikispaces.com/>

Course	Title/ID number	Description	Strand	Specific Expectations
Grade 7	ELO1033240	This provides the students with a visualization of spinners, dice, and coins, so as to communicate visually in a grade-appropriate way the basics of probability.	Probability	• compare experimental probabilities with the theoretical probability of an outcome involving two independent events.
	ELO1000309	This is a project that has the students examining the probability of rolling a certain number using a die. It can be used for grades 6 and 7.		• collect and organize categorical, discrete, or continuous primary data and secondary data and display the data using charts and graphs, including relative frequency tables and circle graphs;
Grade 8	ELO1002223	A slideshow lesson about probability. It explains the concept of likeliness using die rolls, and applies this concept to real-life examples such as contests that offer prizes to participants in order to assess the probability of anyone actually winning. Students should be encouraged to think reflectively and creatively about problem solving.	Probability	• apply a variety of data management tools and strategies to make convincing arguments about data;
	ELO1016480	Students represent probability in multiple ways. Introduces concepts of theoretical and experimental probability.		• use probability models to make predictions about real-life events.
	ELO1050760	This object will provide students with a visual when calculating the probability of outcomes. Students will be given the opportunity to calculate some probabilities with hands-on material.		
Grade 9		See page 1 for EQAO practice questions	Review	

OnMATH - PROVIDING HAMILTON TEACHERS AND THEIR STUDENTS CONTINUING SUPPORT FOR GRADE 7, 8 AND 9 MATH.